

Patent Abstracts of Japan

PUBLICATION NUMBER : 02099324
PUBLICATION DATE : 11-04-90

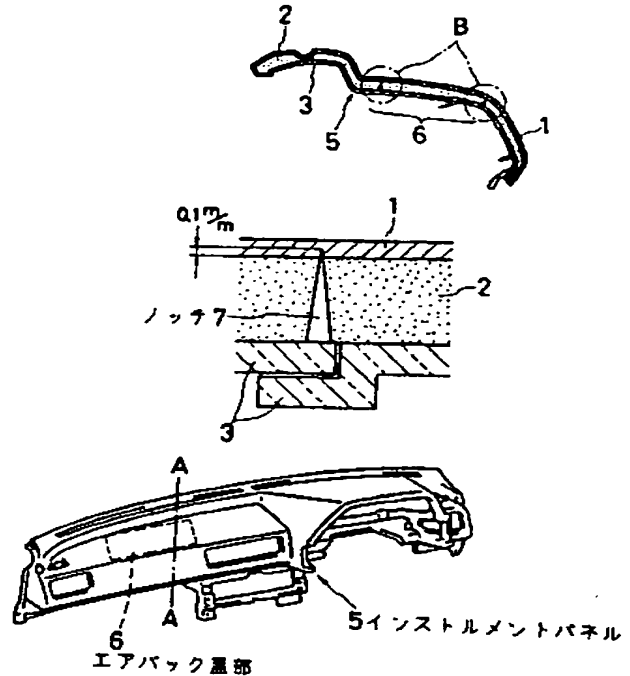
APPLICATION DATE : 07-10-88
APPLICATION NUMBER : 63253135

APPLICANT : TOYOTA MOTOR CORP;

INVENTOR : ITOGA KAZUMASA;

INT.CL. : B32B 7/04 B32B 3/24 B32B 7/02
B60K 37/00 B60R 21/16

TITLE : PREPARATION OF INTERIOR PART
HAVING AIR BAG LID PART



ABSTRACT : PURPOSE: To reduce a reject rate and to widen an adaptation range by preparing the part, where at least an air bag lid part must be formed, of a base material using a transparent material and irradiating an interior part with YAG laser beam on the side of the base material through the transparent material to form a notch to a buffer material or the buffer material and a skin material.

CONSTITUTION: A skin material 1 is one formed by slush molding using, for example, a polyvinyl chloride powder and a base material 3 is obtained by injection molding using, for example, Noryl. As the base material 3, any transparent one composed of a polycarbonate or methacrylic resin other than Noryl may be used. The skin material 1 and the base material 3 are arranged in a foaming mold and, for example, a polyurethane foam material mixed in a predetermined ratio is thrown in the mold and molded to obtain an instrument panel 5 having a buffer material 2. Subsequently, the instrument panel 5 is irradiated with laser beam in the inside direction thereof through the base material 3 using YAG laser to form a notch 7.

COPYRIGHT: (C)1990,JPO&Japio